

On page 9, replace the paragraph beginning at line 16 and ending at line 27 with the following paragraph:

B<sup>1</sup>  
--Figure 2 shows detailed results of the detection of a hairpin structure composed of (SEQ ID NO.:1) GCGAAAAACGC. A gold electrode modified with a hairpin type DNA (SEQ ID NO.:2) (5'-HS-GCGAAAAACGC-3' was dipped in solution containing 10 mM of phosphate buffered saline (pH 7.0), 10 mM of KCl and 0.1 mM of CNDIFc. Ag/AgCl standard electrode (reference electrode) and a counter electrode of platinum were used to measure a cyclic voltamogram. The results were shown in graph (b) in Figure 2. 1.2  $\mu$ A of a response current was gained at 572 mV. That is, 20 pmol of hairpin structures provided a response current of 1.2  $\mu$ A. Further, in this system, several femtomole of hairpin structure type DNA's were detectable. A response current at -457 mV was shown responding to the presence of naphthalene diimide.--.

On page 10, replace the paragraph beginning at line 17 and ending at line 26 with the following paragraph:

B<sup>2</sup>  
--Further, in the above experiment, the hairpin structure DNA was hybridized with an oligonucleotide (SEQ ID NO.:3) (5'-GCGTTTTTCGC-3') complementary to the hairpin DNA to cancel the hairpin structure site. The results were shown in graph (c), in which current response at 572 mV was disappeared. The results show that, even when a double stranded nucleic acid site coexists with a specific single stranded nucleic acid site, the specific single stranded nucleic acid region may be detected. Further, the results definitely confirm that

B<sup>2</sup> CNDIFc specifically binds to a highly ordered structural site of a single stranded nucleic acid  
and thereby provides current response on electrodes.--.

---